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(54) MOBILE RADIO EQUIPMENT

(57) Abstract:

PURPOSE: To secure the maximum transmission power in accordance with the type of the loaded battery pack.

CONSTITUTION: A battery 4 of a battery pack 2 is connected to a radio equipment main body 1 by means of a power connection means 3. A means (a recessing/projecting train, an electrode train, etc.) 5 which shown the type (number of cells) of the pack 2 is identified by a type identifying means 6 of a main body 1. Based on this identification result, a control part 7 decides the maximum transmission power or the type of a mobile station to send it to a storage 13 of a system network through a control channel and then updates the maximum transmission power or the mobile station type registered in the storage 13 to a mobile radio equipment. The transmission power required for the proper communication is sent to the mobile radio equipment from a base station 12 through the control channel within a range of the maximum transmission power registered for the mobile radio equipment in response to the radio wave reception level given from the mobile radio equipment of the station 12. Thus a transmission power varying means 9 is controlled in response to the received transmission power and the transmission power is set.

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